

Recovery Plan Action Status

Plan Name: Recovery Plan for Upland Species of the San Joaquin Valley, California

Plan Status: Final

Plan Date: 30-Sep-98

Lead Agency: USFWS

Lead Office: Sacramento Fish And Wildlife Office

(916)

414-6600)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.1	Develop regional cooperative program that coordinates land use planning and biodiversity conservation	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Other: Information and Education	Internal Technical Assistance	

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Bakersfield cactus (Opuntia treleasei), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica)	2	2.2.12	Protect natural land for Bakersfield cactus and other species in Greater Bakersfield, north of Kern River	Ongoing Not Current	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
Bakersfield cactus (Opuntia treleasei)	2	2.2.13	Protect natural land for Bakersfield cactus in Fairfax Road-Highway 178-Highway 184 area	Not Started			City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Management: Habitat Maintenance and Manipulation	Contract	Depends on 1.2.2

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Bakersfield cactus (Opuntia treleasei), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica)	1	2.2.14	Develop specialty reserve for Bakersfield cactus in Kern Bluffs area	Ongoing Not Current	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Management: Habitat Maintenance and Manipulation	Contract	Depends partly on 1.2.2
Bakersfield cactus (Opuntia treleasei)	2	2.2.15	Protect natural land for Bakersfield cactus in the Fuller Acres area	Not Started			City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Acquisition: Easement	Contract	Depends on 1.2.2
Bakersfield cactus (Opuntia treleasei)	2	2.2.16	Protect natural land and establish specialty reserve for Bakersfield cactus at Mouth of Kern Canyon	Not Started			City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2, cost of fencing
Bakersfield cactus (Opuntia treleasei)	2	2.2.17	Protect natural land for Bakersfield cactus in the Cottonwood Creek area	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
Bakersfield cactus (Opuntia treleasei), California jewelflower (Caulanthus californicus)	1	2.2.18	Protect natural land in Bena Hills-Caliente Hills and develop specialty reserves for multiple plant species	Not Started			U.S. Fish and Wildlife Service, Private landowners	Acquisition: Easement	Contract	Depends on 1.2.2
Bakersfield cactus (Opuntia treleasei), San Joaquin kit fox (Vulpes macrotis mutica), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	1	2.2.19	Protect natural land and establish specialty reserve for Bakersfield cactus at Sand Ridge	Ongoing Current	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy, U.S. Army Corps of Engineers	Acquisition: Easement	Contract	Depends partly on 1.2.2; protection ongoing
Bakersfield cactus (Opuntia treleasei)	1	2.2.20	Protect natural land in Comanche-Tejon hills and develop specialty reserves for multiple plant species	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Private landowners	Acquisition: Easement	Contract	Depends on 1.2.2

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Bakersfield cactus (Opuntia treleasei), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica)	1	2.2.22	Protect natural land and establish speciality reserve for Bakersfield cactus at Mettler-Wheeler Ridge area	Unknown			California Department of Water Resources, City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Partly depends on 1.2.2
Bakersfield cactus (Opuntia treleasei)	2	2.2.8	Develop specialty reserve for Bakersfield cactus in Granite Station area	Unknown			U.S. Fish and Wildlife Service, Private landowners	Acquisition: Easement	Contract	Depends on 1.2.2
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	1	3.1	Establish a program and protocol for general and directed surveys for featured species	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	Relates to program establishment and protocol development only

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Bakersfield cactus (Opuntia treleasei)	1	3.2.1	Conduct surveys for target plant species in the Comanche-Tejon Hills	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
Bakersfield cactus (Opuntia treleasei), California jewelflower (Caulanthus californicus)	1	3.2.2	Conduct surveys for target plant species in the Caliente-Bena Hills	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition	Labor type not yet selected	
Bakersfield cactus (Opuntia treleasei), California jewelflower (Caulanthus californicus)	2	3.2.3	Conduct surveys for target plant species at Rancheria Gulch/Adobe Canyon	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
Bakersfield cactus (Opuntia treleasei)	2	4.18	Conduct multiple research tasks and monitoring on Bakersfield cactus at Kern Bluffs and other locations in Kern County	Not Started			City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Research: Management Techniques	Contract	Monitoring ongoing, research 5-10 years
Bakersfield cactus (Opuntia treleasei), San Joaquin kit fox (Vulpes macrotis mutica)	1	4.19	Conduct multiple research and monitoring tasks for multiple species in the Sand Ridge and Bena-Caliente area	Ongoing Not Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy, U.S. Army Corps of Engineers	Research: Population Surveys	Contract	Monitoring ongoing; research 5 years
Bakersfield cactus (Opuntia treleasei)	2	4.20	Conduct research on pesticide effects on pollinators of Bakersfield cactus	Not Started			California Department of Food and Agriculture, California Environmental Protection Agency, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Environmental Contaminants	Contract	

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Bakersfield cactus (Opuntia treleasei)	2	4.21	Conduct multiple research tasks and monitoring for Bakersfield cactus at Wheeler Ridge and other locations in Kern County	Not Started			California Department of Water Resources, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	Monitoring ongoing, research 5-10 years
Bakersfield cactus (Opuntia treleasei)	3	4.23	Conduct systematics & genetics research at all inhabited sites of Bakersfield cactus	Partially Complete			U.S. Fish and Wildlife Service	Research: Taxonomic Studies	Contract	
Bakersfield cactus (Opuntia treleasei)	2	4.64	Census and monitor any populations of Merced phacelia	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
Bakersfield cactus (Opuntia treleasei)	3	4.75	Conduct matrix projection modeling for Bakersfield cactus	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Internal Technical Assistance	

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Bakersfield cactus (<i>Opuntia treleasei</i>), California jewelflower (<i>Caulanthus californicus</i>), Blunt-nosed leopard lizard (<i>Gambelia silus</i>), San Joaquin kit fox (<i>Vulpes macrotis mutica</i>)	2	5.3.3	Protect grassland and oak savana on east and southeastern edge of Valley for several listed species	Discontinued	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2

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